Open University Geological Society Journal
Volume 35 Numbers 1–2 2014

Articles

page

ii Committee of the Open University Geological Society 2014
iii Dissemination of information pathways
iv Editorial
1 OUGS Symposium, Dublin 2013: Recent Developments in Irish Geology
1 Investigating the causes and consequences of environmental and biological catastrophes in Earth history: lessons from the deep past for our future [Abstract only]
Prof. Jenny McElwain
1 Climate change and mass extinction: what can we learn from 200-million-year-old plants?
Jennifer C. McElwain
5 Recent developments in the Geological Survey of Ireland [Abstract only]
Koen Verbruggan
Evolution of the first tetrapods — a conflict of evidence [Abstract only]
Prof. Ken Higgs
The Irish National Seismic Network and CTBTO monitoring — a wave of scientific opportunity
Tom Blake
8 New perspectives on the post-Caledonian faulting of onshore Ireland [Abstract only]
Prof. John Walsh
The Navan ore body, Ireland: a world-class carbonate-hosted Zn-Pb deposit [Abstract only]
Dr John Ashton
Tectonic and magmatic controls on hydrothermal venting, Mid-Atlantic Ridge: Moytirra [Abstract only]
Prof. Andy Wheeler
9 Recent developments in Irish offshore oil and gas exploration
John O'Sullivan
14 The Tellus Border [Abstract only]
Dr Marie Cowan
From bugs to birds and beyond: reconstructing the colours of fossil insects and feathers [Abstract with photographs]
Dr Maria McNamara
19 Geological Observations in south-west Pembrokeshire, including Skomer Island and the Marloes Peninsula
John Downes
29 Northumbrian geologists: our geological forebears
Karl Egeland-Eriksen
57 The Suture on a Shoestring continues: Severnside goes to Gaspé, Quebec Province, Canada
Lexy Cruikshank, Linda Fowler, Janet Hiscott, Lyn Relph, Muriel Rogers, Gill Toney and Tony Wallbank
75 East of Scotland OUGS Helmsdale Weekend field trip
Jenny Allan, Anne Morton and Michael Perkins
85 OUGS Severnside field trip to Nash Point, South Wales
John de Caux
89 Blue crystals from Canada
Lyn Relph
91 Wessex OUGS weekend field trip to Shropshire
Lawrie Bubb, Christine Hodgson, Alan Holiday and Helen Phythian
99 Anthropocene volcano-analogue deposits near Carnforth, Lancashire: an introduction and field guide
Duncan Woodcock

between pages 50 and 51:
OUGS Moyra Eldridge Photographic Competition 2014: Winning and Highly Commended photographs

Book reviews are on pages 28, 73, 74 and 84
Editor's notes to contributors — page 104

It is the responsibility of authors to obtain the necessary permission to reproduce any copyright material they wish to use in their article. The views expressed in the OUGS Journal are those of the individual authors and do not represent those of the Open University Geological Society. In the opinion of the author the description of venues are accurate at the time of going to press; the Open University Geological Society does not accept responsibility for access, safety considerations or adverse conditions encountered by those visiting the sites described in these articles.

Cover images: Fossils — feathers to fishes
(top row l to r) 125-million-year-old fossil feather (Jehol, China), 49-million-year-old fossil beetle (Messel, Germany), Pinna (Nash Point, Wales), Bourgetia *(Hitchcopse Pit, Oxfordshire); (middle row l to r)* Isastraea *(Helmsdale, Scotland), Crinoid* Pentacrinites *(Nash Point, Wales), Permian coral by Richard Howse (Northumbria), Silurian brachiopods, bryozoans and crinoids (Lea Quarry, Wenlock Edge, Shropshire); (bottom row l to r) Thin sections of 'Fossil Vegetables' by William MacGillivray (Northumbria),* Sigillaria *trunk (Joggins cliffs, Nova Scotia), giant millipede tracks (Joggins cliffs, Nova Scotia),* Dipterus *fish (Achanarras Quarry, Scotland).*

Open University Geological Society Journal
ISSN 0143-9472 © Copyright reserved

Open University Geological Society Website: ougs.org

Open University Geological Society Journal

Open University Geological Society Journal

Volume 35 Numbers 1–2 2014

Volume 35 Numbers 1–2 2014